Papel March 1828 Phangural essay an "The Gunetions of the Lungs" John His for the degree of M. S in the University of Binn ? to North B. Loodman _ February 21th 1829

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heider is a new undistriction that there the attention of the president and many attempts made to explain the phenomena but were to the businest day through the researches of ibblick them to an explanation of this envious blicat, get no have till to regret the "thick derkness which lies over it. Jepo proceeding to a fruit survey of the Guite sind of the lungs it may to presidery to take Dhasto clave at these oreard tituated at the root of the tonger, and attached to the as devides, is an "irregular contilacional tho, forming the when fortion of the wind bite

and which is denominated to Borry, From the thorax by two ramifications called Ormelio which later the lange. The lunes occupying the greater portion of the beens' - sucher de do bo the trached takes ando the bloods persole and is tigo exactly adults ted to the bleves which they fill completely. AN exquisitely find dublicature of this membrane return by a debitum which from its fring between the two is called mediallinum, and The structure of the lunes is oury delicate, entitle in of cells which communicate with the branches of the tracked that ramify through them in long but. This cells and extended small.

of the brokelie afficient to be durounded by Irbeli. They are covered by the proper coat cholely connected to the general covering derived from the plears. Octures the libali plotaneo, which is any distinct from the cellular structure which communicates with Upon the membranes composing the air cells the letino (whotever this may endest is) of the



The believe and prine from the poto the extremities of the arting units into trunks, which progulisate Veryne as used tido a branch calleto the recurrent to one mentioned of both of which it is driverbally detined. but it gives branches to the cardial

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Respiration. This is and of the most important butions of the living bodg. all enimals have in abbaration calculated to perform cholo the "colds blooded" animals the exterior of the leterduced down to the interior of the actule. lat in the "warm blooded" arimals the pullination outsa is very large, and the apparatas placed

lists occupy the first three from the next extent postain by weight twenty deven dants of Oxy un leventy two of nitrogen had a trule dirtion of cartanio acid. after its expulsion from the large hearly the Lame, while the quantity of carbonic What effect has this acration burdweed an tho blood & the blood which the wind convey to to the lungs is of a dark colour and heavy.

relationed neight to the left dido of the heart and which it conveyed to all farts of the landy by the it is Proces, lighter, and warmer by two degens. It males quantity of forum. - This for we know travels avertil dutiest was that the exercise of the attackling united with the destroyed and carted of da bloods and is this was a guar quartity

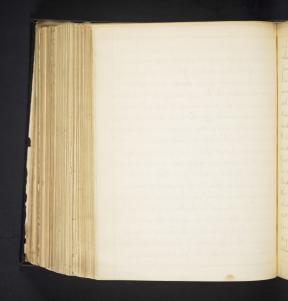
at Estable to futtained by the delic do two Und returned to the read cavo and is to crusto of the circulative unites with with the carbon which

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